

**Fan 6D82-Q 19400m<sup>3</sup> 400V 50Hz 1.7A f/pipe**

Article number: 60-47-7593

**Big Dutchman®****Basic data**

|                            |                      |
|----------------------------|----------------------|
| Montiert                   | Mounted              |
| Thermal protection contact | No                   |
| Type                       | Installation in pipe |
| Weight                     | 19.3 kg              |
| Chimney                    | 820 - BD 820         |

**Rated values**

|                        |                                   |
|------------------------|-----------------------------------|
| Phases                 | 3 Ph                              |
| Nominal frequency [Hz] | 50 Hz                             |
| Control                | Frequency converter / Transformer |

**Classification**

|                                 |        |
|---------------------------------|--------|
| IP protection rating            | IP55   |
| Certifications                  | CE, UL |
| Insulation class (DIN EN 60085) | R      |
| Efficiency rating (ErP)         | E15    |

**Rated values 50 Hz**

|                                  |           |
|----------------------------------|-----------|
| Elektrische Nennleistung         | 0.89 kW   |
| Nominal voltage delta connection | 230 V     |
| Nominal voltage star connection  | 400 V     |
| Nominal current delta connection | 2,9 A     |
| Nominal current star connection  | 1,7 A     |
| Speed                            | 855 U/min |

**Rated values 50 Hz**

|                                     |             |
|-------------------------------------|-------------|
| Power factor                        | 0.77        |
| Ambient temperature                 | -25 - 40 °C |
| Sound power level L <sub>w</sub>    | 88 dB       |
| Sound pressure level L <sub>p</sub> | 63 dB       |

**Volumetric flow rate 50 Hz**

|                               |                         |
|-------------------------------|-------------------------|
| Characteristic curve – 0 Pa   | 19400 m <sup>3</sup> /h |
| Characteristic curve – 10 Pa  | 19000 m <sup>3</sup> /h |
| Characteristic curve – 20 Pa  | 18400 m <sup>3</sup> /h |
| Characteristic curve – 30 Pa  | 17800 m <sup>3</sup> /h |
| Characteristic curve – 40 Pa  | 17200 m <sup>3</sup> /h |
| Characteristic curve – 50 Pa  | 16500 m <sup>3</sup> /h |
| Characteristic curve – 60 Pa  | 15600 m <sup>3</sup> /h |
| Characteristic curve – 70 Pa  | 14800 m <sup>3</sup> /h |
| Characteristic curve – 80 Pa  | 14000 m <sup>3</sup> /h |
| Characteristic curve – 90 Pa  | 13200 m <sup>3</sup> /h |
| Characteristic curve – 100 Pa | 12000 m <sup>3</sup> /h |

**Spec. power 50 Hz**

|                               |                                |
|-------------------------------|--------------------------------|
| Characteristic curve – 0 Pa   | 46 W/(1000m <sup>3</sup> /h)   |
| Characteristic curve – 10 Pa  | 48.1 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 20 Pa  | 50.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 30 Pa  | 53.3 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 40 Pa  | 56.4 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 50 Pa  | 59.5 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 60 Pa  | 62.6 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 70 Pa  | 66 W/(1000m <sup>3</sup> /h)   |
| Characteristic curve – 80 Pa  | 69.2 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 90 Pa  | 73.7 W/(1000m <sup>3</sup> /h) |
| Characteristic curve – 100 Pa | 80.8 W/(1000m <sup>3</sup> /h) |